

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended) Oral care composition comprising a polymer obtainable by formed from copolymerising a mixture of comonomers, said mixture comprising:

(a) a cationic monomer selected from the group consisting of (ar-vinylbenzyl) trimethylammonium chloride, (dimethylaminopropyl) methacrylamide, [2(methacryloyloxy)ethyl]trimethylammonium chloride, 2-aminoethylmethacrylate hydrochloride and mixtures thereof; and

(b) at least one anionic or neutral monomer selected from the group consisting of styrene, mono-2-(methacryloyl)ethyl succinate, vinyl acetate, N,N-dimethylacrylamide, 2-ethylhexylacrylate, vinylphosphonic acid, acrylic acid, 2-acrylamido-2-methyl-1-propanesulfonic acid, N-[tris(hydroxymethyl)methyl] acrylamide, N-vinylpyrrolidone, butyl acrylate, 2-hydroxyethylacrylate, polyethyleneglycol methylethermethacrylate and mixtures thereof,

said oral care composition in the form of any one of a an oral product selected from the group consisting of toothpaste, gel, foam, chewing gum, deformable strip or and mouthwash and which is suitable for use in the oral cavity.

Claim 2 (currently amended) Oral care composition according to claim 1, comprising a polymer obtainable by formed from copolymerising a mixture of (ar-vinylbenzyl)trimethylammonium chloride, styrene and a further neutral comonomer selected from N-[tris(hydroxymethyl)methyl] acrylamide and N-vinylpyrrolidone.

Claim 3 (currently amended) Oral care composition according to claim 1, comprising a polymer obtainable by formed from copolymerising a mixture of (dimethylaminopropyl) methacrylamide with anionic and/or neutral comonomers selected from the group consisting of mono-2-(methacryloyl)ethyl succinate, vinyl acetate, butyl acrylate, N-[tris(hydroxymethyl)methyl] acrylamide and mixtures thereof.

Claim 4 (currently amended) Process for preparing an oral care composition according to claim 1, comprising the steps of:

preparing a mixture of comonomers in an ethanol/water diluent;

polymerising the mixture by heating it under inert gas in the presence of an initiator;

extracting the polymer so obtained and blending ~~it~~ polymer with one or more oral care actives and/or excipients so as to produce an oral care composition which is in the form of ~~any one of a~~ an oral product selected from the group consisting of toothpaste, gel, foam, chewing gum, deformable strip ~~or~~ and mouthwash and which is suitable for use in the oral cavity.

Claim 5 (new): Oral care composition according to claim 1 wherein the cationic monomer and the anionic/neutral monomer are present in a mole% ratio from 50:50 to 90:10 based on polymer.

Claim 6 (new): Oral care composition according to claim 1 wherein the cationic monomer and the anionic/neutral monomer are present in a mole% ratio from 60:40 to 80:20 based on polymer.

Claim 7 (new): Oral care composition according to claim 1 wherein the cationic monomer and the anionic/neutral monomer are present in a mole% ratio around 75:25 based on polymer.

Claim 8 (new): Oral care composition according to claim 1 wherein the polymer is present in an amount from 0.01 to 10% by weight of the composition.

Claim 9 (new): Oral care composition according to claim 1 further comprising a zinc salt.

Claim 10 (new): Oral care composition according to claim 9 wherein the zinc salt is a zinc citrate.